

of a power actuated piston tool with an automatic piston return, it is not intended to be limited to the details shown, since various modifications and structural changes may be made without departing in any way from the spirit of the present invention.

Without further analysis, the foregoing will so fully reveal the gist of the present invention that others can, by applying current knowledge, readily adapt it for various applications without omitting features that, from the standpoint of prior art, fairly constitute essential characteristics of the generic or specific aspects of this invention.

What is claimed as new and desired to be protected by Letters Patent is set forth in the appended claims.

IN THE CLAIMS:

3. (amended) A power actuated piston tool, according to claim [1 or] 2, wherein the maximal internal diameter (D4) of at least one segment of the returning bush (7) at its both ends, is of smaller size than respective diameter (D2) of the remaining segments.
4. (amended) A power actuated piston tool, according to claim [1 or] 2, wherein the end segment walls of returning bush (7) are thicker than other segment walls.
5. (amended) A power actuated piston tool, according to claim [1 or] 2, wherein the internal end surface of external segments of returning bush (7) is markedly curved outside in such a way, that the position of curvature points (71) is clearly distanced from the returning bush (7) face (72).
6. (amended) A power actuated piston tool, according to claim [1or] 2, wherein the length of the returning bush (7) is selected in such a way, that after initial blocking, the piston shank (1) end face does not reach its extreme forward position and remains at a distance from the base (30), the distance greater than the head height of fastening element (6).
7. (amended) A power actuated piston tool, according to claim [1or] 2, wherein the maximal external diameter (D1) of the returning bush (7) is smaller enough than the internal diameter of the guiding barrel (2), that after initial blocking of the returning bush (7), its external diameter still remains smaller than the internal diameter of the guiding

bush (2), thus preserving the small clearance.

8. (new) A power operated piston tool with a piston automatic return comprising an outer barrel having a firing chamber at a first end;
a guiding barrel mounted in the outer barrel;
a fastener guide having an outer surface at a thin end and mounted at a thick part in the guiding barrel and with the thin end standing out from the outer barrel;
a piston provided with a piston head placed in the guiding barrel and a piston shank inserted in the fastener guide wherein the piston is movably positioned between a firing position and a fastening position;
a firing-pin assembly mounted at the first end of the outer barrel; and
a bellowslike hollow element for an automatic return of the piston from the fastening position to the firing position and situated on the piston shank between the piston head and the fastener guide and made of elastomeric material wherein an outer diameter of the bellowslike hollow element and an internal diameter of the bellowslike hollow element are regularly varied creating uniformly spaced swellings and narrowings running circularly on an outer surface and an inner surface of the bellowslike element and wherein between each two neighboring narrowings is formed a segment with a sinusoidal or a frusta-spherical or a frusta-conical or a barrel wall contour.

9. (new) The power operated piston tool according to claim 8, wherein a maximal inner diameter of at least one said segment of the bellowslike hollow element at its both ends is smaller than an inner diameter of remaining segments.

10. (new) The power operated piston tool according to claim 8, wherein walls of outer segments of the bellowslike hollow element are thicker than walls of inner segments.

11. (new) The power operated piston tool according to claim 8, wherein an inner end surface of outer segments of the bellowslike hollow element is outwardly curved.

12. (new) The power operated piston tool according to claim 8, wherein a sum of wall thickness of all segments of the bellowslike hollow element and a length of the fastener guide is slightly larger than a sum of a length of the piston shank and a thickness of a

fastener head thereby a piston shank end face is distanced from the outer surface of the fastener guide slightly more than the thickness of the fastener head in an initial blocking position of the piston.

13. (new) A power operated piston tool with a piston automatic return comprising an outer barrel having a firing chamber at a first end;
a guiding barrel mounted in the outer barrel;
a fastener guide having an outer surface at a thin end and mounted at a thick part in the guiding barrel and with the thin end standing out from the outer barrel;
a piston provided with a piston head placed in the guiding barrel and a piston shank inserted in the fastener guide wherein the piston is movably positioned between a firing position and a fastening position;
a firing-pin assembly mounted at the first end of the outer barrel; and
a one-piece hollow element formed of segments and situated on the piston shank between the piston head and the fastener guide and made of elastomeric material wherein a sum of a length of the fastener guide and a length of the one-piece hollow element in a state when wall surfaces of neighboring segments of the one-piece element are in an introductory contact is slightly larger than a sum of a length of the piston shank and a thickness of a fastener head thereby a piston shank end face is distanced from the outer surface of the fastener guide slightly more than the thickness of the fastener head in an initial blocking position of the piston.

14. (new) The power operated piston tool according to claim 13, wherein a wall of each segment of the segments of the one-piece hollow element has a sinusoidal profile.

15. (new) The power operated piston tool according to claim 13, wherein a wall of each segment of the segments of the one-piece hollow element has a frustum of sphere profile.

16. (new) The power operated piston tool according to claim 13, wherein a wall of each segment of the segments of the one-piece hollow element has a frustum of a cone profile.

17. (new) The power operated piston tool according to claim 13, wherein a wall of each segment of the segments of the one-piece hollow element has a barrel profile.

18. (new) The power operated piston tool according to claim 13, wherein a wall of each segment of the segments of the one-piece hollow element has a frustum of barrel profile.

19. (new) The power operated piston tool according to claim 13, wherein an inner end surface of outer segments of the one-piece hollow element is outwardly curved.

20. (new) The power operated piston tool according to claim 13, wherein walls of outer segments of the one-piece hollow element are thicker than walls of inner segments.

REMARKS

Claims 1 – 7 were in the application. New claims 8 –20 are being added.

The language of the new claims is based on the language of the original claims as follows:

New claims	Original claims
8, 13	1
9	3
10	4
11	5
12	6
14	2
15	2
16	2
17	2
18	2
19	5
20	4